

ABSTRACT:

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Methods of polishing and/or brightening surfaces of magnesium or magnesium alloy are disclosed. Polishing and/or brightening methods suitable to both high and low aluminium content magnesium articles are disclosed. In each of the methods, the surface is polished and then passivated. Using the disclosed methods it is possible to control aspects of the appearance of the surface to thereby, for example, obtain a bright and shiny surface to a magnesium or magnesium alloy article which is both stable and corrosion resistant. It is also possible to provide a predetermined texture to the surface using optional steps.